

SPECIFICATION SHEET

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| Catalog #: | L1C00902 | Lot #: | L181101 | | | | |
| Product Name: | McAb to Cancer Antigen CA19-9 | | | | | | |
| Description: | Monoclonal Antibody to Human Cancer Antigen CA19-9 (Gastrointestinal Cancer) | | | | | | |
| Specificity: | Reacts specifically with Sialyl Lewis ^a containing glycolipids, without detectable reactivity with Lewis ^a , Lewis ^b or structurally related substances as determined by solid-phase binding assays against glycolipid antigens. Shows minimal cross-reactivity (<1%) with Sialyl Lacto-N-tetraosylceramide. | | | | | | |
| Clone: | CA211 | | | | | | |
| Host Animal: | Mouse. Hybridization of NS-1 myeloma | | | | | | |
| Isotype: | IgG ₁ cells with spleen cells from Balb/c mice. | | | | | | |
| Source: | mouse ascites | | | | | | |
| Immunogen: | Human colorectal adenocarcinoma cell-line SW1116 | | | | | | |
| Format: | Purified, Liquid | | | | | | |
| Purification: | Protein A chromatography | | | | | | |
| Concentration: | 1mg/ml | | | | | | |
| Buffer: | 0.01M PBS, 0.15M NaCl, pH 7.4 | | | | | | |
| Preservative: | None | | | | | | |
| Applications: | Capture antibody in serological assays for the research of CA19-9. Immunohistochemistry on frozen or paraffin sections for the detection of Sialyl Lewis ^a . Immunochemical detection of Sialyl Lewis ^a determinant in mucins and glycolipids. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended antibody pair for immunoassay: <table><tr><td><u>Capture</u></td><td><u>Detection</u></td></tr><tr><td>L1C00901</td><td>L1C00902</td></tr></table> | | | <u>Capture</u> | <u>Detection</u> | L1C00901 | L1C00902 |
| <u>Capture</u> | <u>Detection</u> | | | | | | |
| L1C00901 | L1C00902 | | | | | | |
| Storage&Shelf life: | Store at -20 C for 3 years. Avoid multiple freeze/thaw cycles. | | | | | | |

FOR RESEARCH USE ONLY.